

विवरणिका  
PROSPECTUS 2012



School of Planning  
and Architecture  
New Delhi

योजना तथा  
वास्तुकला विद्यालय  
नई दिल्ली



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ABOUT SPA, NEW DELHI

# HISTORY AND VISION

New Delhi became the capital of British India in 1911. Subsequently, it became necessary to design the city. Many eminent British architects worked day and night to bring the project of city design to fruition. However, it was Walter George who chose to stay back when the British left India. During those days there were hardly any architects in the city. Architecture, as a profession was still in its infancy in India. There were only two schools in India for training architects, and these were located in Bombay and Baroda. Therefore, an acute shortage of trained architects was felt. Before India could take control of her destiny in 1947, and due to the outbreak of the Second World War, the allied forces generated a sudden demand for engineers and architects.

Walter George and his colleagues thus began the work of establishing the first institution in Delhi for imparting training to students of architecture. It was in 1942 that the Department of Architecture came into existence as a part of the Delhi Polytechnic at Kashmiri Gate in northern Delhi. While W.W. Wood became the first Principal of the newly established Delhi Polytechnic, Mr. Mirza became the first Head of the Department of Architecture. Later, when Mr. Mirza migrated to Pakistan during the partition of the country, John Terry, a Walter George protégé, replaced him. The first batch of students received their national diplomas in Architecture in 1950. These architects were ready to eager to face the challenges placed upon them by the country's independence and its partition. Chandigarh, the new capital for the state of Punjab and later for Haryana as well, became a powerful magnet for producing many architects in the country.

From the early 1950s, the agenda for the overall development of the country took the center stage. As far as town and country planning was concerned, from mid 1950s to 1970s mostly architects came forward to be trained as urban planners. In this field also, Walter George played the leading role. Walter was the principal motivating force behind the establishment of the Institute of Town Planners, India in 1951. He also encouraged the young architect and planner Prof. T. J. Manickam to conceive a School of Town and Country Planning. In 1955 the Government of India established the first School of Town and Country Planning in Delhi, thus marking the beginning of the SPA.

For seven years the School operated from rented premises in Kapurthala House on Man Singh Road. Dynamic as he was, Prof. Manickam secured prime land for building both the headquarters for the ITPI and the School at Indraprastha Estate. On 26th May 1958, Professor Humanyun Kabir, then Union Minister for Scientific Research and Cultural Affairs, laid the foundation stone of what is now called the Planning Campus of SPA. Prof. T. J. Manickam became the founder Director of the School.

The Department of Architecture of Delhi Polytechnic joined the School of Town and Country Planning in 1959. Thus was born the new institution named the School of Planning and Architecture or the SPA. It is now an established brand name for excellence in planning and architecture education. Like the Planning Campus, Prof. T. J. Manickam also designed the Architecture Campus. Within twenty five years of its existence, the School has

established a reputation as the nation's leading institution for imparting professional education in town and country planning, architecture and design. Recognizing its national and international eminence, the Government of India conferred the status of the 'Deemed University' on the School in 1979. This entitled the SPA, New Delhi to broaden and deepen its academic horizons by introducing new academic programmes, and by promoting critical research activities.

Today SPA, New Delhi is the only central university imparting education in planning, architecture, and design. In the 1980s the School set up state of the art centres for advanced studies attached to each department of studies. Another important initiative was taken to start doctoral programmes, which have produced a significant number of scholars in the last two decades.

It was also during 1980s that the construction of a residential campus at Taimoor Nagar, New Friends Colony commenced. Construction of various buildings at Taimoor Nagar has provided additional accommodation for students as well as housing for the faculty and staff. Land is also allotted by the Government for the construction of new campus for the School at Vasant Kunj in South Delhi.

With the opening up of the Indian economy and the onset of globalization, the School has entered into several bilateral collaborations with foreign universities and research organizations to pursue specialized areas of research, etc.

An Overseas Research & Development Centre has been established by the School to extend facilities to developing countries in Africa and the SAARC nations.

SPA is a futuristic academic institution and has set a number of tasks to be accomplished and objectives to be achieved in the near future. Some of the most significant concerns of SPA are listed below:

- To introduce new academic programmes in emerging areas of research.
- To deepen and strengthen our established links with national and international institutions of repute, and also to take fresh initiatives in this direction.
- To develop sustainable programmes for faculty recruitment, training and development
- To continue to promote diversification of extracurricular activities for the students
- To continue to participate and contribute in policy formulation and programme implementation at all levels of government.



# DECISION MAKING BODIES OF THE SCHOOL



## **GENERAL COUNCIL**

Chairperson: Shri Kapil Sibal  
Honorable Minister of Human Resource Development,  
Government of India

## **EXECUTIVE COUNCIL**

Chairperson: Prof. Ram P. Sharma

## **ACADEMIC COUNCIL**

Chairperson: Prof. (Dr.) Sandeep Sancheti  
Director, School of Planning and Architecture, New Delhi

## **SCHOOL ADMINISTRATION**

### **DIRECTOR**

Prof. (Dr.) Sandeep Sancheti

### **DEAN OF STUDIES**

Prof. (Dr.) Neelima Risbud

### **REGISTRAR**

Shri. O. P. Verma

### **CONTROLLER OF EXAMINATION**

Prof. (Dr.) Vinay Maitri

### **HONARARY WARDEN**

Shri Parag Anand Meshram

### **STUDENTS' BODIES**

### **STUDENTS' COUNCIL**

Patron, Director SPA  
General President, General Secretaries and Editor



# DEPARTMENTS OF STUDIES AT A GLANCE

The School offers planning, architecture and design courses both at undergraduate and postgraduate levels. While the Bachelor of Architecture course is one of the oldest in the country, a highly successful Bachelor of Planning course was started in 1989.

The School offers 2 undergraduate programmes and 10 postgraduate programmes, each under a separate department of studies. Doctoral programmes are offered by all departments of studies.

Academic policy is decentralized to the extent that each department of studies has a Board of Studies (BoS), which makes proposals on department-related academic matters. The Chairperson of the Board of Studies is the Head of the Department of Studies. The Dean of Studies is a member on all Boards of Studies. Each department has a Departmental Research Committee (DRC) and the Head of the Department of Studies is its Chairperson.

	<b>UNDERGRADUATE DEGREE PROGRAMMES</b>
Department of Architecture	BACHELOR OF ARCHITECTURE
Department of Physical Planning	BACHELOR OF PLANNING
	<b>POSTGRADUATE DEGREE PROGRAMMES</b>
Department of Architectural Conservation	MASTER OF ARCHITECTURE Architectural Conservation
Department of Urban Design	MASTER OF URBAN DESIGN
Department of Industrial Design	MASTER OF DESIGN Industrial Design
Department of Bldg. Engg. and Management	MASTER OF BUILDING ENGINEERING AND MANAGEMENT
Department of Landscape Architecture	MASTER OF LANDSCAPE ARCHITECTURE
Department of Environmental Planning	MASTER OF PLANNING Environmental Planning
Department of Housing	MASTER OF PLANNING Housing
Department of Regional Planning	MASTER OF PLANNING Regional Planning
Department of Transport Planning	MASTER OF PLANNING Transport Planning
Department of Urban Planning	MASTER OF PLANNING Urban Planning





UNDERGRADUATE DEGREE  
PROGRAMMES

# BACHELOR OF ARCHITECTURE

## B.Arch.

Five Year Programme

Architecture is concerned with the design and construction of buildings in their sociological, technical and environmental contexts. There is increasing recognition of architecture as one of the top intellectual disciplines, an art form, and a technical profession intimately linked with the single largest sector of investment in the economy. Architects are called upon to design and execute building projects and resolve other issues related to the man-made environment in a variety of settings.

The Bachelor of Architecture programme aims at attaining a high level of excellence in architectural design. Studio exercises are viewed as the core of the programme with crucial inputs being provided by experts specializing in the fields of arts, humanities, engineering and technology, and professional practice of architecture. A strong foundation of multidisciplinary enabling skills related to space, construction, environment and aesthetics is offered to the students. These skills include drawing, architectural presentation, research and writing, computer applications, technical and managerial aptitudes in problem definition and solution seeking.

This five-year two-stage programme, has a first stage consisting of six semesters of full time studies and a second stage consisting of one semester of full time studies followed by one semester of practical training in professional offices, ending in final two semesters of full-time study. In the second stage each student is required to write a research-based dissertation, prepare for a seminar and present a design thesis along with advanced level courses and electives. Students gradually learn that architecture has always evolved under the influence of at least four, occasionally conflicting, forces

that is history and culture, social aspirations, climate and evolving technologies. National and international level workshops, exhibitions and seminars are continually held in the Department, several of which are organized in partnership with international universities and research organizations. Participating students get exposed to new ways of thinking and imagining.

Through this programme we expect that broad based architectural education serves as a window to multiple career choices and job opportunities depending on personal interests of students in the public, private, NGO and multinational corporate sectors. Students wishing to pursue further studies are eligible to apply to any of the masters' and doctoral programmes being run by the School. Since the Bachelor of Architecture degree programme of SPA is recognized internationally, a number of our students are accepted for advanced studies in the finest universities abroad. This course is approved by the Indian Institute of Architects, the Council of Architecture and the Commonwealth Association of Architecture.

The students of Bachelor of Architecture programme are exposed to a rich variety of design and planning expertise through full time faculty from several departments of studies of SPA and distinguished visiting faculty. Outstanding professionals serve on our juries.

## FACULTY

### **Prof. M. L. Bahri**

*B.Arch., FIIA*

Head of the Department of Architecture

### **Prof. I. M. Chishti**

*B.Arch., AIIA*

### **Prof. Satish K. Khanna**

*B.Arch., FIIA*

### **Prof. Neerja Tiku**

*B.Arch., PG Dip. TCP (URP), FITPI, FIIA*

### **Prof. (Dr.) Rommel Mehta**

*B.Arch., PG Dip. LA, Ph.D., AIIA, Associate Member ISLE P*

### **Prof. (Dr.) Aruna Ramani Grover**

*B.Arch., PG Dip. CA, M.Plan. (Housing), Ph.D.*

### **Prof. Anil Dewan**

*B.Arch., M.B.E.M., FIIA*

### **Prof. Jaya Kumar**

*B.Arch., AIIA*

### **Prof. (Dr.) Ranjana Mittal**

*B.Arch., Ph.D.*

### **Shri P. Raja Prakash**

*B.Arch., M.L.A., AIIA, MISTE*

### **Shri S. K. Aaditya**

*B.Arch., AIIA, MISTE*

### **Shri Shuvojit Sarkar**

*B.Arch., M.Plan. (Environment), AIIA, AITPI*

### **Shri Prabhjot Singh Sugga**

*B.Arch., M.S. (Urban Planning) (USA)*

### **Ms. Parul Kiri Roy**

*B.Arch., M.A. (Fine Arts)*

### **Ms. Moulshri Joshi**

*B.Arch.*

### **Shri S. P. Shrivastava**

*B.Sc. Engg., M.E. (Civil), MIE*



# BACHELOR OF PLANNING

## B. Plan.

Four Year Programme

The planning, development and management of human settlements is becoming an increasingly important task. As a result of technological advancements and integration of societies and economies of the world, the planning of cities and regions has become very complex. Professionally trained town and country planners are therefore needed in order to evolve new options for the development of human settlements. This applies not only to the planning of metropolitan areas but also to small cities, towns and villages. Being a pioneering institution in these fields, the School of Planning and Architecture took the lead in instituting the first ever Bachelor of Planning programme in the country in 1989. The Institute of Town Planners, India has accorded approval to this programme.

Students admitted to this four-year intensive training programme are provided with broad knowledge and skills necessary to plan for the integrated and balanced development of human settlements and areas of varying sizes. Upon graduation the students are accepted as professionals in the discipline of town and country planning. They are eligible for admission to Master's programmes in



Indian and foreign universities. These include specializations such as housing, landscape architecture, transport planning, architectural conservation, environmental planning, urban design, etc. This serves to widen the students' professional options after graduation. In terms of securing employment, both public and private sector offer a range of jobs. Graduates work in organizations providing services in the fields of urban and regional planning, housing, transportation, design etc. Some of the graduates are also working in the United Nations and World Bank, and a few have become self-employed consultants. The Department also has a placement cell.

### FACULTY

#### **Dr. Mayank Mathur**

*B.Arch., M. Housing, PG Dip. (HPB) (The Netherlands), Ph.D., AITP, AIIA*

Head of the Department of Physical Planning

#### **Prof. (Dr.) Ashok Kumar**

*M.Sc. (Geography), M.Plan. (URP), PGDHRM, Ph.D. (UK), FITP*

#### **Dr. Rabidyuti Biswas**

*BE(Civil), M.R.P., Ph.D., AITP, AIE, MISRS, MIUT*

#### **Dr. Poonam Prakash**

*B.Arch., M.Plan. (Housing), Ph.D., AITP, MISoCaRP*

#### **Ms. Taru Jain**

*B. Plan., M.S.E. (TP & Engg.) (UK)*

POSTGRADUATE DEGREE  
PROGRAMMES





# MASTER OF ARCHITECTURE

## M.Arch.

Architectural Conservation

Two Year Programme

Architectural Conservation is a specialization, which addresses the special requirements of built heritage comprising of historic buildings, group of buildings, areas, cities and cultural landscapes in a comprehensive manner.

The course aims at defining and understanding architectural knowledge systems and the cultural resource base. Academically the course involves research, documentation, analysis and its interpretation related to various scales of heritage. Special emphasis is placed on historic cities and traditional housing sector. The technical aspects cover traditional building materials, structural repairs, maintenance and upgradation of historic structures.

The design component includes a wide range of interventions, from modifications and reuse of the historic fabric to infill development and new architecture in historic areas.

Emphasis is also placed on the management of heritage, through understanding conservation conventions and

practices adopted at international (UNESCO) national and local levels for heritage buildings, sites and cities. The skills and abilities developed in this academic programme enable the students to address appropriately the challenges confronting historic cities.

### FACULTY

**Prof. Nalini M. Thakur**

*B.Arch., ARC, ICCROM (Rome), M.A. Conservation (UK)*  
Head of the Department of Architectural Conservation

**Prof. (Dr.) Priyaleen Singh**

*B.Arch., M.L.A., M.A. Conservation (UK),  
Cert. in RM&HC (Italy), Ph.D. (UK)*

**Ms. Anuradha Chaturvedi**

*B.Arch., M.A. (Cons.) (UK),  
Cert. in Archaeological Conservation, ASI*



# MASTER OF URBAN DESIGN

## M.U.D.

Two Year Programme

Contemporary urban design emerged as a discipline in response to changes to the city through the Modern movement in and Planning, Urban Design takes the responsibility of achieving wholeness of the built environment. This degree programme exposes the students to various theories and experiments that architects, planners, social and behavioural scientists apply within broad historical, social and political contexts. The course imparts knowledge and skills of design and intervention in the built urban environment at varying scales through a broad range of subjects, which form the basis to tackle urban design issues.

The bulk of instruction and training in this urban design programme is offered through interactive design studios where the dynamics of growth and change in Indian cities are documented and design solutions are prepared. Inner city renewal as well as growth areas of contemporary cities receive equal attention in these studios.

Urban designers make significant contribution as members of multidisciplinary teams dealing with the formulation and implementation of urban development programmes and policies. A large number of employment opportunities exist for students passing out with the urban design degree course.

### FACULTY

**Prof. Mandeep Singh**

*B.Arch., M.U.D., FIIA, AIUDI, AIID*

Head of the Department of Urban Design

**Prof. Ranjit Mitra**

*B.Arch., PG Dip. (Urban Design), FIUDI*

**Shri Arunava Dasgupta**

*B.Arch., M.Arch. (Urban Design), AIUDI*



# MASTER OF DESIGN

## M.Des.

### Industrial Design

#### Two Year Programme

Product or object design is as old as the human civilization. The evolution of the profession of Industrial Design, however, is rooted in the industrial revolution of the late 19th to 20th century, whereby industrially manufactured products were to attain humane and artistic attributes. In an age of rapid social, technological and cultural transformation, effective training of the new designer must be based on creative and practical concerns of maximum relevance involving issues that are local and global simultaneously.

The primary aim of the programme is to foster a wholesome design experience through an interdisciplinary process of teaching and training. Theoretical, technological and managerial inputs, which are dealt with through various courses, seminars and workshops are all directed towards this central goal.

The determination to take a professional design approach to the interpretation of culture and conversely to use design as a tool for cultural enrichment is the focal point of the programme. Academic exposure while concerning itself with broad phenomena such as sustainability etc. is at the same time highly relevant to the urgent issues concerning technical, manufacturing and marketing aspects of the industrial world of today. The programme maintains close links with the industry, both in order to keep in touch with the latest developments in industrial processes and to ensure that the course remains relevant and comprehensive.

Career opportunities for students passing out of this programme are varied. It includes working for an industry, design or architectural studio or setting up an independent practice in design and architecture.

## FACULTY

### **Prof. Manoj Mathur**

*B.Arch., FIIA*

Head of the Department of Industrial Design

### **Parag Anand Meshram**

*B.E. (Electronics Engg.), M.Des. (ID, IIT Delhi)*

### **Ms. Kritya Gera**

*B.Arch., M.Arch.(ID)*



# MASTER OF BUILDING ENGINEERING AND MANAGEMENT

## M.B.E.M.

Two Year Programme

Building Engineering and Management is concerned with engineering and management aspects of building projects. The course aims at training competent professionals who can deal with complex building projects by coordinating with various specialized consultants from the concept formation through to design, development and construction stages. The course enables the students to acquire skills and academic abilities at a higher degree level in the sphere of architecture, engineering and management. Besides, it helps the students not only in achieving academic excellence but also allows them to develop their abilities to manage and succeed in the professional field, and opens out wide vistas of professional career opportunities.

The thrust of the course is on imparting knowledge of planning, scheduling and monitoring so that building projects are completed within the stipulated time, cost and quality parameters. This is done by disseminating techniques of management such as network analysis, operational research, financial and contract management,

material and labor management, cost and quality control, advanced methods of construction, selection of building and structural systems, building science, specialized services and computer applications. Special emphasis is placed on practical aspects through various case studies, which form integral part of the programme.

### FACULTY

**Prof. Y. K. Jain**

*B.Sc. Eng. (Civil), M.Sc. Eng. (Structures), MIE*

Head of the Department of Building Engineering and Management

**Prof. (Dr.) Virendra Kumar Paul**

*B.Arch., M.B.E.M., Ph.D.*

**Ms. Renuka Vilas Bhoge**

*B.Arch., M.B.E.M., AIIA*



# MASTER OF LANDSCAPE ARCHITECTURE

## M.L.A.

Two Year Programme

Landscape Architecture is the design profession concerned with planning of outdoor spaces for optimum human use and enjoyment. Landscape Architect has to be conversant with nature's world in man's domain. He must understand the nature as a process, having a value system which provides opportunities and constraints to human use.

The Landscape Architect's role is important in any developing society. He acts for societal conscience for immediate development of environment. He also plays the role of an artist giving form to human adaptations, and also as a participant with architect, planner and engineer in creating a humane, social and healthy physical environment for better living.

This degree programme aims at imparting proficiency

in landscape assessment and design techniques by employing ecological principles while keeping in view socioeconomic and cultural considerations. The programme covers a variety of subject areas such as plant systems and processes, plants and design, landscape engineering, ecosystem analysis and field ecology, etc.

### FACULTY

**Prof. (Dr.) Surinder Suneja**

*B.Sc., PG Dip. in LA, Ph.D., FISOLA*

**Prof. (Dr.) Rommel Mehta**

*B.Arch., PG Dip. LA, Ph.D., AIIA, Associate Member ISLE P*



# MASTER OF PLANNING

## M.Plan.

### Environmental Planning

#### Two Year Programme

Environmental considerations are assuming an increasingly important role in planning and development of human settlements. Alarming consequences of ozone layer depletion, global warming, desertification, and air pollution, pollution of the oceans, species' extinction, deforestation and flooding are some of the manifestations of nature's reactions to human activities on the planet Earth. Implications of such environmental degradations have been the subject of growing concern to people all over the world, and have resulted in various initiatives and actions taken at global, regional, national and international levels.

Environmental Planning degree programme is specifically designed to train students in methods for scientific evaluation of various factors for planning environmentally sustainable development of human settlements and regions. Environmental considerations at the planning stage would prevent many of the degradation that result later on. Land use planning, to be meaningful, has to take cognizance of the legislation enacted in the field of environment as well as advanced techniques and tools currently available for analyzing and predicting environmental problems.

The main objective of this programme is to impart adequate skills and exposure to the students to enable

them to handle the complex challenges of environmental planning, design, impact assessment, and mitigation and preventive measures. The focus areas of the programme are environmental planning and design, techniques of measurement of water, soil, air and noise pollution, environmental management, environmental impact assessment, auditing and risk assessment, environmental economics, environmental legislation clear development and mechanism. In addition, the students are encouraged to undertake training during summer vacation with environmental agencies and gain professional experience.

#### FACULTY

**Prof. (Dr.) Mahavir**

*B.Arch., M.U.R.P., PG Dip. (Remote Sensing),  
Ph.D. (ITC-Netherlands), FITP*

Head of the Department of Environmental Planning

**Prof.(Dr.) Meenakshi Dhotre**

*B.Arch., M.L.A., Ph.D.*

**Prof. (Dr.) Shovan K. Saha**

*B.Arch., P.G. Dip. in TCP (URP), Dr. Eng. (Japan),  
RCA, FITP (on lien)*



# MASTER OF PLANNING

## M.Plan.

### Housing

#### Two Year Programme

Housing is one of the major global development issues which occupy centre stage in the UN policy framework. In India too, it is a key area of the economy. The Government of India has enunciated its emphasis in this area through the National Housing and Habitat Policy. Over the years, the establishment of the Housing and Urban Development Corporation (HUDCO), the National Housing Bank (NHB) and the various projects funded by the Asian Development Bank (ADB), the World Bank and the Overseas Development Administration (ODA) has brought housing into the centre stage of public policy and debate. The Government of India also gives emphasis to the housing sector through its national budget every year. There are many state level and local level housing producers, in addition to the large presence of the corporate sector actively engaged in the development of housing and real estate projects. The Government of India has also set up the Building Materials and Technology Promotion Council (BMTPC) in order to promote innovative materials for the housing sector.

In this background, a Chair in Housing was instituted by the UNEP in the School way back in the year 1958 and the Department of Housing was established. MASTER OF PLANNING ( Housing ) is a unique programme which offers comprehensive exposure to various facets of the subject including housing policy, finance, infrastructure, urban planning, poverty and slums, shelter for disaster affected areas, 'green' housing design and technology, GIS applications, real estate project formulation, legal and governance issues and management.

The objective of the course is to give a broad understanding and impart necessary skills to the students for participation in the real world practices in a multidisciplinary

environment. The course is offered through a combination of class room lectures, field assignments and practical studio exercises. It is a globally recognized programme and students are employed in a wide variety of work situations including government departments, international agencies, real estate companies and multinational firms.

### FACULTY

#### **Prof. (Dr.) Neelima Risbud**

*B.Arch., PG Dip. T&CP (HCP, Hons), Ph.D., AITP*

Head of the Department of Housing

#### **Prof. (Dr.) P. S. N. Rao**

*B.E. (Civil), M.Plan. (Housing), Ph.D., AIIA, Cert. Art Apprn.(NGMA), Cert. Art Apprn.(NM), Cert. Urban Mgmt. (Canada), FITP, FIE, FIV*



# MASTER OF PLANNING

## M.Plan.

### Regional Planning

Two Year programme

Globalization and liberalization and inter connectivity of economies have brought in a new paradigm shift in defining 'the region'. The 73rd and 74th Constitutional Amendment Act in India has given a new impetus to development planning with inputs from the village, block, taluka and district that requires a set of new tools for analysis and decision making. Being in the business of skill development and knowledge transfer, the Department of Regional Planning is equips students and transfers the skills and knowledge that society demands through them.

Regional Planning Department believes in a seamless interface between typology and levels of regions so as to achieve integrated and conflict-reducing plans. The programme aims to impart knowledge in a sustainable development of a region through interplay of variables that directly and indirectly affect a region's development.

To impart this high quality knowledge to our students, we use new approaches, techniques and subjects in our pedagogy such as Spatial Data Infrastructure, and subjects such as Public Policy Analysis, Climate Change, etc.

This degree programme is designed to equip students in the skills of regional analysis, regional (micro-macro) plan preparation, preparation of action oriented policies and strategies and management plan for human settlements. To expose our students to global expertise in this field, the regional planning department has networked with International Institutions across the world. Needless to say, we lead the field of Regional Planning in India as a specialized knowledge transfer institution.

### FACULTY

#### **Prof. Kavas Kapadia**

*B.Arch., PG Dip. T&CP (URP, Hons.), AIIA, AITP*  
Head of the Department of Regional Planning

#### **Prof. (Dr.) N. Sridharan**

*M.A. (Economics), M.U.R.P., PG Dip. T&RP (Poland),  
PG Dip. (Financial Mgmt.), Ph.D. (Australia), AITP*

#### **Dr. Ms. Vinita Yadav**

*M.A. (Geog.), M.Plan. (UP), Ph.D. (JNU),  
M.B.A. (Financial Mgmt.), AITP*





# MASTER OF PLANNING

## M.Plan.

Urban Planning

Two Year Programme

The Department of Urban Planning is the first Postgraduate Department of the School of Planning and Architecture. It originated as a Department of Urban and Regional Planning in the year 1955. Urban Planning is a discipline, which synthesizes inputs from various disciplines into an integrated plan of action for shaping the natural and built environment in order to achieve a desirable quality of life in urban areas by keeping the resource constraints in view.

This degree programme is designed to prepare students in the skills of analyzing the physical, social, cultural, economic and ecological dimensions of urban settlements, comprehending their problems, and evolving measures to tackle them in a planned manner. Along with a group of core courses common to all planning programmes, specializations are built around courses such as city and metropolitan planning, Land Markets & Management, Infrastructure Planning and Management, Environment, Development and Disaster Management, City and Community Planning, Legal Issues in Planning, Financing Development, Advanced Planning Techniques, Urban Poverty & Informal Sector, Project Planning, Institutional

Management & Governance, Politics & Planning, Planning for Tourism.

The programme content is constantly reviewed and upgraded to stay ahead of the emerging scenario. The programme focuses on various forms of planning processes and products, and exposes the students to new techniques such as project planning and informational technology including remote sensing and the GIS. The programme includes studio exercises in plan preparation through live case studies related to comprehensive and micro level urban development issues, and problems related to urban settlements ranging from towns to mega cities. The Department invites visiting faculty from different government organizations, planning schools, planning research institutions and professionals from allied disciplines.

### FACULTY

**Prof. Kavas Kapadia**

*B.Arch., PG Dip. T&CP (URP, Hons.), AIIA, AITP*

Head of the Department of Urban Planning

**Prof. (Dr.) Sanjukta Bhaduri**

*B.Arch., M.C.P., Ph.D., AITP, IIPA (Life Member)*

**Shri M. Palaniappan**

*M.A.(Econo.), M.T.P. (URP), M.Phil (Tourism Mgmt), MPS (Population Stu.), AITP*

**Ms. Chidambara**

*B.Plan., M.Plan. (TP)*



# MASTER OF PLANNING

## M.Plan.

### Transport Planning

#### Two Year Programme

Transport is widely acknowledged as one of the most critical elements that could contribute to the quality of life in urban areas. In the context of massive urbanization in our country planning for transport infrastructure has assumed significant importance over the years requiring specialized skills for planning, designing, operations and management of regional and urban transport systems. Appreciating the need for training and development of skills for preparation of integrated transport plans and policies the school offers Master of Planning degree programme with specialization in Transport Planning, one of its only kind in the country.

This degree programme is designed to prepare students in the skills of analyzing transport problems and issues at regional and urban level and evolve appropriate measures to tackle them in a planned manner. The programme focuses on development of analytical tools and techniques backed up by theoretical concepts in the area of urban transport planning, public transport systems planning, traffic engineering, highway planning & design, transport economics, logistics & distribution management, transport infrastructure design, intelligent transport systems, engineering economics, analytical transport techniques, project formulation and appraisal, transport policy, legislation & institutional framework etc. The programme emphasizes on development of skills in the area of GIS, statistical techniques and use of computer software for exercises on transport plan preparation in the studios and research studies using live case studies. The programme enables the students to meet the professional needs of fast growing consultancy organizations, infrastructure financing institutions, town planning organizations & development authorities, transport system operating agencies, research institutions, universities, NGO's etc.

## FACULTY

### **Shri Sewa Ram**

*B.Tech. (Civil Eng.), M.Plng. (TP), AITP, MIUT*  
Head of the Department of Transport Planning

### **Prof. A. K. Sharma**

*B.E. (Civil), PG. Dip. TCP (TTP, Hons.), AITP, MCILT (UK)*

### **Prof. (Dr.) P. K. Sarkar**

*B.E.(Civil), PG Dip. TCP (TTP), M.Sc. Transport Engg.(UK),  
Ph.D., AITP, MIHT (UK) MIE, MIRT, MIUT,  
Fellow (Institution of Surveyors)*

### **Prof. (Dr.) Sanjay Gupta**

*M.Sc.(Stat.), M.T.P., Ph.D., FITP, MCILT (UK), MIUT, MIRT*

### **Prof. (Dr.) Vinay Maitri**

*M.Sc., Ph.D.(IIT-D), MCSD, FCILT (UK), MIUT, MIRT*



# DOCTORAL PROGRAMMES

# DOCTORAL PROGRAMMES

## Ph.D.

Full-Time Programme 2-5 Years

Part-Time Programme 3-8 Years

The School provides facilities to undertake research work leading to the award of a Ph.D. degree in the fields of Architecture, Physical Planning, Urban Planning, Regional Planning, Environmental Planning, Housing, Transport Planning, Urban Design, Architectural Conservation, Landscape Architecture, Industrial Design and Building Engineering and Management. About 40 scholars have been awarded the doctoral degrees from the School, the first one awarded in 1991.

A candidate could submit the Ph.D. thesis after a minimum period of two (2) years from the date of registration. In case of a candidate without master's degree, the minimum period for submission of thesis is three (3) years. The maximum period is five (5) years for Full-Time Research Scholars and eight (8) years for Part-Time Research Scholars. In cases where the candidate requires more than maximum period allowed for submission of the thesis, this could be done on the recommendation of the Departmental Research Committee (DRC) and the approval of the Committee for Doctoral Programmes (CDP).

Candidates registered for the Ph.D. (Full-Time) Programme shall not join any other course of study or appear in any other examination conducted by another university or institution of higher learning and research being run by any public body without the School's permission. In case of violation of these requirements, the School reserves the right to cancel the registration and recover all payments made to the candidate under the programme.

All candidates are required to work full time on doctoral research work in the first three semesters after registration. However, the residence requirement of

three semesters may be reduced to two semesters on the recommendations of the DRC. But the candidate must satisfactorily complete compulsory, optional and other recommended course work, maintain close contact with the Thesis Advisor(s), organize seminars and take active part in seminars, workshops, and other academic programmes of the School, and show satisfactory progress in research work.

Faculty of the School registered for Ph.D. degree programmers shall be deemed to be in residence for the required period of time. In exceptional cases, the period of residence for a faculty candidate may be reduced on the recommendations of the DRC with the approval of the Chairman CDP.

During the period of residence a candidate may be permitted by the Thesis Advisor to go out of Delhi from time to time, as may be required for research purposes. Outstation field work of the candidate exceeding one month may be permitted with approval of the concerned Head of the Department of Studies.

### Coordinator Doctoral Programmes

**Prof. (Dr.) N. Sridharan**

*M.A. (Economics), M.U.R.P., PG Dip. T&RP (Poland), PG Dip. (Financial Mgmt.), Ph.D. (Australia), AITP*

ADMISSIONS

# UNDERGRADUATE DEGREE PROGRAMMES

## ELIGIBILITY

Candidates shall be eligible for admission to the First Year of the Bachelors' Degree programme in Architecture and Planning if they have obtained at least 50% marks in aggregate, with Mathematics as a subject of the examination at the Higher Secondary or equivalent (10+2) level.

## ADMISSION PROCEDURE

Admission to the Bachelors' Degree programme in Architecture and Planning for the session 2012-2013 will be made through All India Engineering Entrance

Examination (AIEEE-2012) conducted by the Central Board of Secondary Education (CBSE), strictly on merit, subject to fulfilment of the eligibility criteria and reservation of seats as per the approved norms of the school.

For further details regarding admission to Bachelors' Degree programme in Architecture and Planning, applicants may refer to the AIEEE website.

After confirmation of seat allotment, applicants are required to apply on the prescribed application form for B. Arch. or B. Plan. which can be obtained from the School counter after paying ₹ 100 towards the cost of the form.

## RESERVATION OF SEATS

Name of the Course	OG	SC	ST	OBC	KM*	Total
Bachelor of Architecture	53	16	08	28	01	105+1*
Bachelor of Planning	17	05	03	09	01	34+1*

\*Over and above sanctioned intake.

OG: Open General, SC: Scheduled Caste, ST: Scheduled Tribes, OBC: Other Backward Classes, KM\*: Kashmiri Migrant

## Note

1. Three (3) seats for Bachelor of Architecture and one (1) seat for Bachelor of Planning are reserved for Physically Challenged Persons (Category PH). These will be adjusted against the respective reservations for OG, SC, ST and OBC categories.
2. Two (2) seats, i.e., one (1) for Bachelor of Architecture and one (1) for Bachelor of Planning are reserved for wards / dependants of Defence / Paramilitary Personnel killed or permanently disabled in action during war or peacetime operations (Category DS). These will be adjusted against the respective reservations for OG, SC, ST and OBC categories.
3. Additional seats, apart from the total indicated above are allocated for Foreign National (FN-10%), Non Resident Indians (NRI-3%) and Persons of Indian Origin (PIO-2%).

# POSTGRADUATE DEGREE PROGRAMMES

## ELIGIBILITY

Candidates shall be eligible for admission to the First Year of the various Masters' Degree programmes if they have obtained at least 55% marks in aggregate (50% for SC/ST/OBC candidates), at the qualifying examination for each programme respectively, as given below:

### Master of Architecture

- Architectural Conservation: Bachelors' degree in Architecture or Planning of a recognized University or equivalent.

### Master of Design

- Industrial Design: Bachelors' degree in Architecture of a recognized University or equivalent or
- Bachelors' degree in Engineering / Design / Fine Arts of a recognized University or equivalent with valid CEED score (mandatory for candidates not having Bachelors' degree in Architecture ) from the approved streams.

### Master of Urban Design

- Urban Design: Bachelors' degree in Architecture or Planning of a recognized University or equivalent.

### Master of Building Engineering and Management

- Bachelors' degree in Building Engineering or Civil Engineering or Architectural Engineering or Building Science or Architecture of a recognized University or equivalent, or Five-Year Diploma in Construction Technology of a recognized University

or an institution established by an act of Parliament or State Legislature.

### Master of Landscape Architecture

- Bachelors' degree in Landscape Architecture or Architecture or Architecture of a recognized University or equivalent, or Masters' Degree in Planning or equivalent postgraduate diploma of a recognized University or institution, or

Certificate of completion of the Pre-Landscape course of the School of Planning and Architecture, New Delhi.

### Master of Planning

- Environmental Planning: Bachelors' Degree in Planning or Architecture or Civil Engineering or Architectural Engineering or Environmental Engineering of a recognized University or equivalent, or Masters' Degree in Environmental Science or Environmental Management or Geography or Economics or Sociology of a recognized University or equivalent.
- Housing: Bachelors' Degree in Planning or Architecture or Civil Engineering or Architectural Engineering or of a recognized University or equivalent, or Masters' Degree in Economics or Sociology of a recognized University or equivalent.
- Regional Planning: Bachelors' Degree in Planning or Architecture or Civil Engineering or Architectural Engineering of a recognized University or equivalent, or Masters' Degree in Geography or Economics or Sociology of a recognized University or equivalent.

- Transport Planning: Bachelors' Degree in Planning or Architecture or Civil Engineering or Architectural Engineering or of a recognized University or equivalent, or Masters' Degree in Economics or Statistics or Operations Research of a recognized University or equivalent.
- Urban Planning: Bachelors' Degree in Planning or Architecture or Civil Engineering or Architectural Engineering of a recognized University or equivalent, or Masters' Degree in Geography or Economics or Sociology of a recognized University or equivalent.

#### Note

1. A.I.I.A. (by examination) shall be considered as equivalent to a Bachelors' degree in Architecture.
2. Applicants who are yet to appear for their final examinations to attain the eligibility qualification, are also eligible to apply provided their results are published before 28th July, 2012.

#### SPONSORED CANDIDATES

- a. Candidates sponsored by the Central Government, State Governments, statutory organizations and Public institutions must be in regular service.
- b. A candidate will be considered as sponsored if the sponsoring organization undertakes to provide him / her with full salary or adequate financial assistance for the full duration of the programme.
- c. Educational qualifications are the same as listed above for each programme, respectively. In addition, the candidate must also have a minimum of two years' work experience in a field relevant to programme in which admission is sought.

- d. Minimum percentage of marks may be waived for applicants who are faculty members in academic institutions and have been in regular service since 28th February 1999.
- e. Sponsored candidates may be required to undergo personal interaction with the faculty.

#### ADMISSION PROCEDURE

Admission to Masters' degree programmes is affected through a multistage process to select applicants based on their

- i. Performance in the qualifying examination,

- ii. Portfolio of work,
- iii. Personal Interaction with the programme faculty,
- iv. Interest and motivation for the chosen study and
- v. Work Experience.

Applicants are offered admission to a particular programme in serial order of a merit list drawn up, based on the cumulative score obtained after all the five stages are completed.

#### Application Form

Application Forms will be available as per the notification published by SPA, New Delhi in the newspapers.

#### RESERVATION OF SEATS

Name of Department	OG	SC	ST	OBC	Total
Urban Planning	17	04	02	08	31
Regional Planning	08	02	01	04	15
Environmental Planning	08	02	01	04	15
Housing	13	03	01	06	23
Transport Planning	13	03	01	06	23
Architectural Conservation	08	02	01	04	15
Industrial Design	13	03	01	06	23
Urban Design	10	03	02	05	20
Landscape Architecture	13	03	01	06	23
Building Engineering & Management	17	04	02	08	31

#### Note

1. Three percent (3%) seats for all Postgraduate degree programmes are reserved for Physically Challenged Persons (Category PH). These will be adjusted against the respective reservations for OG, SC, ST and OBC categories.
2. Foreign National (FN-10%), Non Resident Indian (NRI-3%) and Person of Indian Origin (PIO-2%)



They can be obtained from the website of the School, viz., www. spa.ac.in by downloading the same, free of cost.

An applicant cannot apply for more than two Masters Degree Programme. For each Programme separate Application Form should be submitted. Each application form shall be accomplished by the application fee and the documents required, separately.

### Application Fee

The application form, duly filled, must be submitted with an Application Fee of ₹ 1,100/- (Rupees One Thousand One Hundred only) by way of crossed Demand Draft in favour of SCHOOL OF PLANNING AND ARCHITECTURE payable at NEW DELHI.

### Personal Interaction

Applicants may be required to participate in a personal interaction with the faculty of the respective programmes by way of an interview, oral or written test, group discussion etc. Different departments will choose the mode appropriate for their programme and participating applicants shall be duly informed beforehand.

### Portfolio of Work

- a. Applicants having a Bachelors' degree in Architecture or Planning are required to bring a Portfolio of their work including their latest project work or thesis and any two other projects of their choice.

- b. Applicants with all other qualifications may submit a synopsis of their academic project work or thesis and professional work, if any.

**Portfolios shall be submitted on A4 size sheets only at the time of test/ interview.**

### Submission

The candidates must fill up the application form and return clearly specifying the programmes to course to which admission is being sought. Completed application forms and the Application Fee (Demand Draft) should reach SPA, New Delhi not later than 8th of June 2012. The School will not be responsible for any loss or delay in postal transit.

### Result

Successful applicants will be informed individually by e-mail or post. The list will also be displayed on the website of the school.

### SCHOLARSHIPS

A limited number of Scholarships, each of ₹ 8,000/- per month will be awarded on merit, subject to the terms and conditions prescribed by Government of India, AICTE and the School from time to time, for non-sponsored category of students admitted to Masters' degree programmes with valid GATE/CEED score or qualified in the UGC (NET) with JRF Examination.

### IMPORTANT DATES

Sr.	Important Activities	Dates
1	Application forms and prospectus available on website of the School	07/05/2012
2	Last date for receipt of duly filled applications in the School	08/06/2012
3	Test/Interview	
	First Round	02/07/2012
	Second Round	03/07/2012
	Last Round	04/07/2012
4	Display of Selection List	10/07/2012
5	Opening of Session 2012 - 13	23/07/2012

# DOCTORAL PROGRAMMES

## ELIGIBILITY

Applicants for admission to the Ph.D. (Full-Time) Programme shall possess the following qualifications:

- Master's Degree in any discipline awarded by the School of Planning and Architecture, New Delhi, or its equivalent from any other recognized university or institution with a minimum of Fifty-five percent (55%) aggregate marks or
- Masters' Degree in allied disciplines awarded by any recognized university or institution with a minimum of Fifty-five percent (55%) aggregate marks and ten (10) years of experience in teaching/research/professional practice in the proposed area of research or
- Bachelor's Degree in Architecture / Planning of the School of Planning and Architecture, New Delhi or its equivalent from any other recognized university or institution with a minimum of Fifty-five percent (55%) aggregate marks and five years experience in teaching, research or professional practice or
- Bachelor's Degree in allied disciplines from any recognized university or institution with a minimum of Fifty-five percent (55%) aggregate marks and ten (10) years experience in teaching, research or professional practice.

For admission to the Ph.D. (Part-Time) Programme the eligibility criteria will be the same as above except that the applicant should have an additional work experience of five (5) years over that specified above and should obtain a letter of consent from the employer, if any.

## RESERVATION OF SEATS

Reservations will be applicable as per rules of the Govt. of India

## ADMISSION PROCEDURE

Admissions to Doctoral Programmes are processed twice year at the start of either semester of an academic session. Applicants may apply at any time prior to the dates notified for each admission cycle.

### Application Fee

The application form, duly filled, must be submitted with an Application Fee of ₹ 1,100/- (Rupees One Thousand One Hundred only) by way of crossed Demand Draft in favour of SCHOOL OF PLANNING AND ARCHITECTURE payable at NEW DELHI.

The applicant shall state and submit the following with the application:

- i. Proposed Department of Study
- ii. Broad area of research: nature, objectives and scope of the subject, and tentative title.
- iii. Other particulars that the applicant may like to furnish regarding the choice of the subject and its importance for research; and
- iv. Name of the Advisor of his/her choice, if any

The concerned Head of Department of Study shall process the application of candidates possessing the prescribed qualifications through the DRC. After scrutiny of applications

candidates found eligible will be invited to appear for an interview.

After interviewing the candidates, the DRC shall make its recommendations to the Dean of Studies on whether

- i. research on the proposed subject can be profitably pursued,
- ii. research work can be appropriately undertaken in the concerned Department of Study,
- iii. the candidate possesses requisite qualifications and competencies for the proposed research.
- iv. the name of the Advisor for the applicant, preferably from the concerned Department of Study, or from another Department of Study, or Centre or Unit in the School has been identified.
- v. the name of the External Advisor(s), in addition to the Internal Advisor, has been identified, if deemed necessary, and
- vi. specific course(s), other than the essential and optional courses prescribed for the doctoral programme, which the candidate shall pursue and satisfactorily complete within the first three semesters of registration, have been identified.

The Dean of Studies shall receive the recommendations of the DRC and place the applications before the CDP for its final decision on the admission of candidates to the Ph.D. programmes. Names of the Advisor(s) and the course to be pursued by the candidates shall be finalized. Candidates approved by the CDP will be registered for Ph.D. Programmes on payment of prescribed fees and deposits and completion of other formalities.

## **COURSE WORK**

All the candidates shall successfully complete a research methodology course organized by the School and also optional courses prescribed for the programmes as well as other courses specified and recommended by the respective DRCs. A candidate having only B. Arch. or B. Planning or other Bachelor's degree of the School shall, in addition, be required to pursue course work successfully in six subjects of the Master's Degree programmes of the School.

Faculty members of the School as well as teachers of other institutions working towards a Ph.D. degree may be exempt from compulsory or optional courses prescribed for the doctoral programmes by the Chairman of the DRC with the concurrence and recommendations of Thesis Advisors.

Candidates for the degree of Doctor of Philosophy are required to show ability to conduct original investigations, to test ideas, whether their own or those of others, and to understand the relationship of their themes to wider fields of knowledge. Results of such investigations should include matters worthy of publication in national and international journals.

Applicants registered for doctoral programmes should refer to the SPA Regulations for the Award of the Degree of Doctor of Philosophy (Ph.D.) for further detailed information.

## **FELLOWSHIP CONTINGENCY GRANT**

Fellowships and Contingency Grants are awarded to eligible candidates in accordance with norms laid down by the Government of India, University Grants Commission, AICTE and the Academic Council of the School from time to time. In-service candidates are not eligible for fellowships and

contingency grants. The awardees are required to devote their entire time to doctoral research and are not permitted to engage themselves in full time or part time professional practice or employment with public or private institutions. Fellowships to eligible candidates shall be admissible only for a maximum period of four years.

## FEES AND OTHER DUES

	UNDERGRADUATE PROGRAMME	POSTGRADUATE PROGRAMME	DOCTORAL PROGRAMME
<b>FOR INDIAN NATIONALS</b>			
Course Fee	₹ 31,300/- per annum including refundable of Security Deposit ₹ 10,000/-	₹ 39,100/- per annum including refundable of Security Deposit ₹ 10,000/-	₹ 33,100/- per annum (₹ 25,300/- for half session) including refundable of Security Deposit ₹ 15,000/
Hostel Fee (for hostlers only)	₹ 16,100/-per annum including refundable Security Deposit of ₹ 6,000/-	₹ 16,100/-per annum including refundable Security Deposit of ₹ 6,000/-	₹ 16,100/-per annum (₹ 11,050/- for half session) including refundable Security Deposit of ₹ 6,000/-
Mess Fee (for hostlers only)	₹ 5,500/-per annum including refundable Security Deposit of ₹ 2,000/-	₹ 5,500/-per annum including refundable Security Deposit of ₹ 2,000/-	₹ 5,500/-per annum (₹ 5,500 for half session) including refundable Security Deposit of ₹ 2,000/-
<b>FOR FOREIGN NATIONALS (Self-financing), NRI and PIO</b>			
Course Fee	US \$4,000 per annum	US \$6,000 per annum	US \$5,000 per annum
Hostel Fee (for hostlers only)	US \$500 per annum	US \$500 per annum	US \$500 per annum
Mess Fee (for hostlers only)	₹ 5,500/-per annum including refundable Security Deposit of ₹ 2,000/-	₹ 5,500/-per annum including refundable Security Deposit of ₹ 2,000/-	₹ 5,500/-per annum (₹ 5,500/- for half session) including refundable Security Deposit of ₹ 2,000/-

### Note

1. Above amounts exclude Mess Charges i.e. Mess Food Bills.
2. Foreign nationals from SAARC countries will be allowed Fifty percent (50%) Fee waiver provided they have studied in SAARC countries only.

### REFUND PROCEDURE

If an applicant withdraws from a programme before the start of the academic session and the vacant seat is filled up from the waiting list, the entire fees shall be refunded after deduction of processing charges of ₹ 1,000/- (Rupees One thousand Only).

If an applicant withdraws from a programme after the start of the academic session but before the closing of admissions and the vacant seat is filled up from the waiting list, a proportionate monthly fee along with processing charges of ₹ 1,000/- (Rupees One Thousand only) will be deducted and the balanced shall be refunded.

If the applicant withdraws after the closing of admissions or if the seat remains vacant after the applicant's withdrawal at any time, only refundable Security Deposits will be refunded.

Requests for refund shall be accepted up to two years from the close of the academic session to which admission was granted or from the date of the applicant's withdrawal from the programme, whichever is earlier.



# GENERAL INFORMATION

## IMPORTANT DATES

Exact dates for various purposes are mentioned one page no. 33 of this Prospectus 2012. The academic session will commence on 23rd July 2012. Candidates admitted to various programmes are advised to report on the opening day, failing which their admission shall be treated as cancelled unless extension of time is requested for and granted by the School.

## FOREIGN NATIONALS, NRI and PIO

Foreign Nationals (Category FN), Non-Resident Indians (Category NRI) and Person of Indian Origin (Category PIO) may apply in the prescribed application form for the desired program along with documents and a registration fee of US Dollars Three Hundred (US\$ 300) which is nonrefundable. The fee is payable through a Demand Draft or Bankers Cheque in favour of School of Planning and Architecture, New Delhi, payable at New Delhi.

Only those applicants who have qualified from the foreign boards/universities with qualifications recognized as equivalent by the Association of Indian Universities (AIU) shall be considered for admission. In case of NRI, only those who have studied abroad for five years in the last eight years of their stay abroad and have passed the required qualifying examination from that country are eligible to apply. Foreign nationals who are awarded Govt. of India scholarship (under various schemes) or Self-Financing Foreign students sponsored by Ministry of External Affairs shall be given preference. They are required to submit their applications to the Ministry of Human Resource Development or Ministry of External Affairs, Government of India through their diplomatic channels.

## PROVISIONAL ADMISSION

Selected applicants are granted provisional admission which is confirmed upon verification of certificates proving their eligibility, their physical fitness and other testimonials as applicable and upon payment of the fees.

### Verification

Selected applicants are required to present original certificates along with one photocopy of each at the time of admission to the programme. Originals will be verified and returned to the applicants and photocopies shall be retained for the School records.

### Physical Fitness

Applicants selected for admission are required to produce a physical fitness certificate from a registered medical practitioner at the time of their admission to the programme.

### Fees and Deposits

Selected applicants shall pay the prescribed fees and deposits at the time of admission to the programme.

## HOSTEL ACCOMMODATION

School has limited Hostel Accommodation, which is offered only to outstation students based on the availability of seats and in accordance with hostel rules framed by the School from time to time.



# RESOURCES AND SUPPORT SYSTEMS

# ACADEMIC RESOURCES

## Library

The School maintains a well stocked Library in both Planning and Architecture campuses. This library arguably has one of the richest storehouses of books and journals in the fields of planning and architecture in the entire Asian region. It serves the faculty, research scholars and students of the School but also other organizations through interlibrary loan system. Library's reading room facilities are open to all.

The Library presently has a collection of 70,875 books and thesis reports besides a rich collection of reports of international seminars and conferences organized by global agencies like UNESCO, WHO, ILO, World Bank, etc. The Library subscribes and receives 250 journals in planning, architecture and allied fields. Apart from books and journals, library also maintains a special collection of non-print materials. The Library is a multimedia resource centre. Periodicals on planning and architecture provide the readers current awareness.

Computerized monthly lists of addition to library are also prepared for updating readers about documents and new arrivals. In 1989, the SPA Library joined the Developing Library Network (DELNET). This has given our students the facility of online access to a catalogue of 115 libraries in Delhi, within India and overseas. These libraries also have online access to SPA library holdings.

The library is making steady progress towards inhouse computerization and installation of LibSys software on its computers. The library is manned by the Senior Librarian Mr. Narendra Dhama.

## Documentation and Publications Unit

Documentation and Publications Unit or DPU looks after the publication of SPA's quarterly journal called SPACE. Preparation and dissemination of a monthly bulletin named SPA Abstracts is also prepared by the DPU. SPA Abstracts contains synopsis of significant articles featured in technical journals subscribed by the School Library. Furthermore, newspapers are scanned daily and items of technical and professional interest to physical design and planning professions are collected. Copies of such clippings are displayed on notice boards, and cuttings are then maintained in classified files for use as research materials.

The printing of various research materials are required by the departments of studies and administrative sections of the School. These requests are compiled with by the DPU. Compilation, preparation and printing arrangements leading to the publication of the School's annual reports for submission to the Parliament, both in Hindi and English are also done by the DPU. The unit works under the supervision of a senior faculty member.

## The SPACE Journal

From the 1950s to mid 1980s, the journal was titled Urban and Rural Planning Thought, and was widely acknowledged as the foremost academic journal in this field. In 1979 the journal was renamed 'SPA Journal'. In 1985, the journal was renamed SPACE, to reflect a more inclusive concept of many disciplines represented in the SPA. SPACE continues to be published quarterly. The Dean of Studies chairs its Editorial Board, and the current Editor is Dr. Ashok Kumar, Professor of Physical Planning.



## **The Audio Visual Unit**

This Unit provides audio visual aids for making lectures, seminars and conferences more effective. It has the state of art audio visual aids including digital cameras, collar microphones, etc. Three officials of the School work in this Unit.

## **Conservation Materials Laboratory (CML)**

Conservation Materials Laboratory or CML was established recently to provide scientific training in testing ancient artefacts and materials. The CML is equipped to carry out both physical examination under magnification, and chemical analysis for determining composition and characteristics of material mortars, etc. Visiting scientists associated with the ASI conduct regular courses for students of Architectural Conservation using this laboratory as a resource.

## **Workshop**

The Material Workshop at SPA provides a range of training and maintenance services to the SPA students. The students are trained in basic carpentry and metal work and have access to workshop facilities for making architectural models.

The workshop is fully equipped for all categories of carpentry, machine tooling, welding and so on. Major responsibility for routine repairs and maintenance of various campus buildings also rests with the workshop. The Workshop Superintendent looks after the Workshop.

## **Materials Testing Laboratory**

Material Testing and Surveying laboratory is intended to impart practical training to undergraduate and post graduate students. It caters the need of research/ consultancy. The laboratory is equipped with both Destructive/Non-destructive test equipment like universal Testing machine (4000 KN Cap.), Compression Testing Machine (2000 KN Cap.), UPV, Rebound Hammer, Double acting Hydraulic Jacks for pre-stressing etc.

Surveying Laboratory is equipped with latest modern equipment like Electronic Total Station apart from other conventional equipment.

The procurement of other latest equipment like Loading frame, LVDT, Load Cell, Data Logger, Rebar Locator etc. are under process.

## **Centre for Analysis and Systems Studies (CASS)**

The CASS plays a key role in the discharge of the Schools' academic functions. The CASS has been developed as the main communication centre of the School with internal connections on a Local Area Network providing internet facilities and maintains the website of the School under the name [www.spa.ac.in](http://www.spa.ac.in)

## **Centre for Remote Sensing (CRS)**

The Centre for Remote Sensing or CRS has a laboratory equipped with basic tools required for Stereo vision and Aerial Photo interpretation, viz. Pocket and Mirror stereoscopes, Parallax bars, aerial photographs, etc. The Centre also has a couple of image processing software. The

Centre conducts theory and practical courses for various programmes at undergraduate and postgraduate levels.

## **Centre for Geographical Information System (CGIS)**

The CGIS was established as an independent centre in January 2003. Since then the Geographic Information System has become a major computer based tool for mapping and analyzing things that exist and events that occur on the earth's surface. The prime functions of the GIS are to capture, store, query, analyze, display and produce spatial information. It has got a wide application in the field of urban planning, regional planning, environment planning, transport planning and housing. Some of the important areas of application include land use and infrastructure planning, regional resource planning, environmental mapping, vehicle routing and dispatch, and land records management.

The CGIS conducts classes for students of different Departments of Studies of the School. Besides, it also conducts training programmes from time to time on the use and application of GIS software. The Centre is equipped with 26 PIV computers connected through the main server of the School. It has a number of GIS software such as:

- Arc View 3.2, Architecture Info 8.1., Architecture GIS 8.3 upgrade and extensions: 3D Analyst, Spatial Analyst, Image Analyst, Network Analyst and Architecture Press for Architectural view, GeoMedia and GeoMedia Pro
- Autodesk Land Development Desktop, Civil Design and Survey
- MapScan and PopMap

## The Centre for Quality Improvement Programmes (TCQIP)

The Centre for Quality Improvement Programmes is established to achieve quality improvement of faculty and professionals in the field. The Centre focuses on achieving the broad mission of the AICTE, which is to bring about much needed improvement in architectural and planning education. The QIP centre is engaged in conducting of various programmes such as short term courses and training modules. TCQIP is coordinated by a senior faculty of the school.



## **INSTRUCTION & EXAMINATION**

The medium for Instruction and Examinations is English. Students are advised to attain a high level of proficiency in the language, suitable for meaningful communication in professional matters.

Classroom instruction in a particular program is as per the COURSES OF STUDY. It may consist of lectures, tutorials, or studio sessions, which may be complemented by field trips. All Undergraduate and Postgraduate programmes lay major emphasis on skill development, critical thinking and creative application towards achieving a well-rounded professional education under the supervision and guidance of the faculty. It is of utmost importance for students to participate consistently in the classes, as most of the learning is interactive and cannot be substituted by merely reading notes.

The School follows the Semester System of Examination in all its programmes, including Doctoral programme. In Undergraduate and Postgraduate programmes, promotion to the next higher class is affected annually on the basis of the combined result of the odd and even semesters, respectively, of a particular academic session.

The result of a student is based on the SCHEME OF EXAMINATION of a particular programme, which includes a comprehensive review of the student's performance throughout the semester as assessed by the subject teachers concerned (Internal Assessment) as well as the score of the end-of-semester examinations. These may be written papers, viva-voce or presentations to a jury which may have members other than the School faculty (External Examination). Students who do not pass in

Internal Assessment in a subject will not be eligible to appear for the external examination in that subject.

Students should familiarize themselves with the courses of study and scheme of examination contained in the approved curriculum of their programme as well as the rules of examination that apply thereto. For more information see [www.spa.ac.in](http://www.spa.ac.in)

## **ATTENDANCE**

Students are required to attend classes regularly as scheduled in the timetable of their respective programmes. A student must have attended a minimum of 75% of the classes held during a semester, to be eligible to appear for the end-of-semester examination.

Students detained due to shortage of attendance can appear in the end-of-semester examination only after having attended 75% of the classes held in corresponding semester in the next academic session. A student will not be promoted to next higher class unless he / she has appeared for and passed the end-of-semester examination of either semester of the previous year.

Attendance conditions are rigorously enforced. The attendance record of every month along with the cumulative attendance percentage achieved till that month will be posted on the School website by the 10th day of the subsequent month. Students will bring to the notice of the School any discrepancy they find in the record within 21 days of posting, after which the record will be considered final.



# STUDENT ACTIVITIES AND CULTURAL LIFE

## Cultural Activities

Extra-curricular activities are an integral part of students' life at SPA. The students run a series of clubs and associations, which center on dramatics, western music, Indian music, photography, etc.. Various students' magazines and wallpapers faithfully, and often provocatively, mirror both the formal and informal dimensions of students' life in the three campuses

SPANDAN the dramatics club, SANKALP the Indian music group and CODA the Western Music group have several excellent performances to their credit.

SPAKRITI exclusively organizes several Spic-Macay concerts each year featuring the nation's most eminent performing artists.

FEAT (Forum for Exchange of Architectural Thought) regularly organizes lectures and interactions with eminent persons in the fields of architecture and allied disciplines.

UTOPIA, the annual cultural festival conducted by students, features art and craft competitions, debates, discussions, and a variety of cultural events.

SEPIA is the photography club.

EXPRESSION, the biannual student exhibition, gives an opportunity to the students to exhibit their work, both academic and spontaneous statements of creativity in the form of photographs, drawings, paintings, sculpture, and other media.

Students of Planning are members of the NOSPLAN, the National Organization of Students of Planning. Students

of Architecture are members of NASA, the National Association of Students of Architecture. Through these activities, the students get opportunities to interact with their contemporaries from all over the country and to view work approaches in sister institutions for mutual benefit and learning.

All these student activities are managed by Students' Council and Students' Associations, whose members are elected annually by the students. Faculty guidance is available as and when requested, both at the formal and informal level.

## Sports and Games

Sports and games have a significant place in the SPA campus. Despite restricted physical infrastructure, the students have access to a swimming pool in the Taimur Nagar residential complex, and facilities for tennis, cricket, basketball, volleyball, gymnastics and aerobics are available between the three campuses. The SPA students have made a name for themselves in inter-university sports by winning medals and trophies. Hiking and trekking expeditions are also organized each year, particularly during the summer vacations. Prof. Mandeep Singh is the current Faculty Advisor.

## The SPA Alumni Association

In 1992, few Delhi based alumni of the School established the first officially recognized and registered alumni association, with the Director as patron. The SPA Alumni organized the Golden Jubilee celebrations of the Department of Architecture the same year. This Association has tremendous potential for playing a very active supporting role in the future development of the School.

# STRICT PROHIBITION OF RAGGING

Applicants are advised that the Honorable Supreme Court of India vide Writ Petition (Civil) No.656 of 1998 has issued an order regarding effective elimination of ragging in academic institutions. The Honorable Court has defined ragging as follows:

Any disorderly conduct whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness any other student, indulging in rowdy or undisciplined activities which causes or is likely to cause annoyance, hardship or psychological harm or to raise fear of apprehension thereof in a fresher or a junior student or asking the students to do any act or perform something which the student will not do in the ordinary course and which has the effect of causing or generating a sense of shame or embarrassment so as to adversely affect the physique or psyche of a fresher or a junior student.

The Honorable Court has also given directions regarding the steps that may be taken by an institution, by way of punishment against students indulging in ragging, which may include the following:

- Expulsion from the institution
- Suspension from the institution or classes for a limited period or fine with public apology
- Withholding scholarships or other benefits
- Debarring from representation in events
- Withholding results
- Suspension or expulsion from hostel or the mess

Therefore, all students of the School of Planning and Architecture are hereby warned that ragging in any form

is strictly prohibited within the premises of the institution and hostels of the School because any action or behaviour which hurts the dignity or self esteem of a fresh entrant is completely unacceptable. Violators shall be punished severely under the disciplinary rules of the School and law of the land. An entry will be made in the Migration Certificate issued by the School in case any student is found to have indulged in ragging.

In case of any distress, new entrants are advised to immediately contact their Studio Directors, Class Teachers, Hostel Wardens, Head of Department, Dean of Studies or Registrar or Department office.

If any breach of discipline takes place in spite of timely advice and warning, the School will have the authority to cancel hostel allotment and issue orders for vacation of room allotted. Breach of discipline within the precincts of the institution can result in withdrawal of scholarship, forfeiture of the deposits, or even rustication from the School.



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